

REMARKS

This is in response to the final rejection of September 8, 2005. The amendments made to claim 12 are believed to clearly make claims 12-14 allowable. Claims 1-11 are allowed. The Examiner rejected claims 12-14 on the basis that they are obvious over a combination of Hagstrom patent 6,148,722 in view of Kuta patent 6,808,581. In the Official Action, it was pointed out that the Hagstrom patent disclosed a CD thermal transfer printer, using pinch rollers and Kuta showed a roll sensor which was connected to a programmable controller to provide signals.

In response to the arguments presented in the last Amendment, the Examiner pointed out that while claim 1 related to a roller that will not engage a properly seated disc, so that when the disc is not in its proper position the roller rolls and the signals provided indicate that the disc is not properly seated. The Examiner pointed out that claim 12 before it was amended, as in this amendment defined a sensing roller that engaged a workpiece which is more than a selected distance above the conveyor.

After considering the Examiner's comments, claim 12 has been amended so that it relates specifically to a conveyor for a processor system that has a sensing roller mounted relative to a movable conveyor that has a substrate receiver on an upper surface for receiving a substrate of a known thickness for processing. The sensing roller assembly further is for detecting a substrate that is at least partially out of the receiver, to thereby protrude above the conveyor a greater distance than when in the receiver. Further, the claim goes on to define that the sensing roller is spaced above an upper surface of the conveyor a distance to clear a substrate positioned in the receiver and to be engaged by a substrate at least partially out of the receiver. The roller is rotated when engaged by a substrate that is at least partially out of the receiver, to provide the rotational movement of the roll,

which in turn causes a sensor to sense rotation and to provide an output signal.

Thus, claim 12, while worded differently, includes the conveyor having a receiver for a substrate, and a roller that will not be driven when the substrate is properly in the receiver, but will be engaged by a substrate that is at least partially out of the receiver.

It is respectfully submitted that the combination of Hagstrom and Kuta does not show or suggest the arrangement for sensing a substrate that is at least partially out of its normal position in a receiver.

Claim 13 has been amended to conform to the language of amended claim 12, and it is thus believed that claim 13 is allowable with claim 12. Claim 14 likewise depends from claim 12 and is allowable therewith.

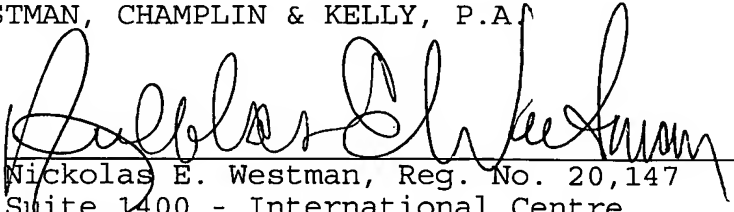
It is believed that these changes prima facie places claims 12-14 into condition for allowance, and action to that effect is respectfully requested.

The Director is authorized to charge any fee deficiency required by this paper or credit any overpayment to Deposit Account No. 23-1123.

Respectfully submitted,

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